

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	17408	(optical near radiation)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:17
L2	16	(optical near radiation) same (emitter or emitting) same (diffract or diffracting or diffracted or diffractive)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:19
L3	4021	(emitter or emitting) same (diffract or diffracting or diffracted or diffractive)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:19
L4	12	(emitter or emitting) same (diffract or diffracting or diffracted or diffractive) same (heatsink or (heat near sink) or heat-sink)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:20
L5	67	(emitter or emitting) same (diffract or diffracting or diffracted or diffractive) same (epoxy or resin or encapsulant)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:21
L6	8	(emitter or emitting) same (diffract or diffracting or diffracted or diffractive) same (epoxy or resin or encapsulant) and (heatsink or heat-sink or (heat near sink))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:21
L7	26418	(emitter or emitting) same (encapsulant or encapsulating or encapsulation or epoxy or resin)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:22
L8	158	(emitter or emitting) same (encapsulant or encapsulating or encapsulation or epoxy or resin) same (diffract or diffracting or diffractive or diffraction)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:23
L9	14	((emitter or emitting) same (encapsulant or encapsulating or encapsulation or epoxy or resin) same (diffract or diffracting or diffractive or diffraction)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:24

## EAST Search History

L10	66	((emitter or emitting) same (encapsulant or encapsulating or encapsulation or epoxy or resin) same (scatter or scattering or scattered or diffract or diffracting or diffractive or diffraction)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:24
L11	44	((emitter or emitting) same (encapsulant or encapsulating or encapsulation or epoxy or resin) near10 (scatter or scattering or scattered or diffract or diffracting or diffractive or diffraction)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:24
L12	1	((emitter or emitting) same (encapsulant or encapsulating or encapsulation or epoxy or resin) near10 (scatter or scattering or scattered or diffract or diffracting or diffractive or diffraction)).clm. and (heatsink or heat-sink or (heat near sink))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:25
L13	31	((emitter or emitting) same (encapsulant or encapsulating or encapsulation or epoxy or resin) near10 (scatter or scattering or scattered or diffract or diffracting or diffractive or diffraction)) and (heatsink or heat-sink or (heat near sink))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:26
L14	23	((emitter or emitting) same (encapsulant or encapsulating or encapsulation or epoxy or resin) near10 (scatter or scattering or scattered or diffract or diffracting or diffractive or diffraction)) and (heatsink or heat-sink or (heat near sink)) and (light near2 (diffract or diffracting or diffracted or scatter or scattering or scattered or scatterer))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:27
L15	7	((emitter or emitting) same (encapsulant or encapsulating or encapsulation or epoxy or resin) near10 (scatter or scattering or scattered or diffract or diffracting or diffractive or diffraction)) and (heatsink or heat-sink or (heat near sink)) and (light near2 (diffract or diffracting or diffracted or scatter or scattering or scattered or scatterer)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:27

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L16	0	((emitter or emitting) same (encapsulant or encapsulating or encapsulation or epoxy or resin) near10 (scatter or scattering or scattered or diffract or diffracting or diffractive or diffraction)) and (heatsink or heat-sink or (heat near sink)) and (light near5 (diffract or diffracting or diffracted or scatter or scattering or scattered or scatterer) near5 predetermined).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:27
L17	1	((emitter or emitting) same (encapsulant or encapsulating or encapsulation or epoxy or resin) near10 (scatter or scattering or scattered or diffract or diffracting or diffractive or diffraction)) and (heatsink or heat-sink or (heat near sink)) and (light near5 (diffract or diffracting or diffracted or scatter or scattering or scattered or scatterer) near5 (predesignated or pattern or direction or predetermined)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:28
L18	2	((emitter or emitting) same (encapsulant or encapsulating or encapsulation or epoxy or resin) near10 (scatter or scattering or scattered or diffract or diffracting or diffractive or diffraction)) and (heatsink or heat-sink or (heat near sink)) and (light near5 (diffract or diffracting or diffracted or scatter or scattering or scattered or scatterer or reflect or refract) near5 (predesignated or pattern or direction or predetermined)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:28

## EAST Search History

L19	2	((emitter or emitting) same (encapsulant or encapsulating or encapsulation or epoxy or resin) near10 (scatter or scattering or scattered or diffract or diffracting or diffractive or diffraction)) and (heatsink or heat-sink or (heat near sink)) and (light near5 (diffract or diffracting or diffracted or scatter or scattering or scattered or scatterer or reflect or refract) near5 (predesignated or pattern or direction or predetermined)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:29
L20	7	((emitter or emitting) same (encapsulant or encapsulating or encapsulation or epoxy or resin) near10 (scatter or scattering or scattered or diffract or diffracting or diffractive or diffraction)) and (heatsink or heat-sink or (heat near sink)) and (light near5 (diffract or diffracting or diffracted or scatter or scattering or scattered or scatterer or reflect or refract) near5 (predesignated or pattern or direction or predetermined))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:29
L21	10	((emitter or emitting) same (encapsulant or encapsulating or encapsulation or epoxy or resin) near10 (scatter or scattering or scattered or diffract or diffracting or diffractive or diffraction)) and (heatsink or heat-sink or (heat near sink)) and (light near10 (diffract or diffracting or diffracted or scatter or scattering or scattered or scatterer or reflect or refract) near10 (predesignated or pattern or direction or predetermined))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:30

## EAST Search History

L22		10	((emitter or emitting) same (encapsulant or encapsulating or encapsulation or epoxy or resin) near10 (scatter or scattering or scattered or diffract or diffracting or diffractive or diffraction)) and (heatsink or heat-sink or (heat near sink)) and (light near10 (diffractive or diffract or diffracting or diffracted or scatter or scattering or scattered or scatterer or reflect or refract) near10 (predesignated or pattern or direction or predetermined))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:30
L23		10	((emitter or emitting) same (encapsulant or encapsulating or encapsulation or epoxy or resin) near10 (scatter or scattering or scattered or diffract or diffracting or diffractive or diffraction)) and (heatsink or heat-sink or (heat near sink)) and (light with (diffractive or diffract or diffracting or diffracted or scatter or scattering or scattered or scatterer or reflect or refract) near10 (predesignated or pattern or direction or predetermined))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:30
L24		10	((emitter or emitting) same (encapsulant or encapsulating or encapsulation or epoxy or resin) near10 (scatter or scattering or scattered or diffract or diffracting or diffractive or diffraction)) and (heatsink or heat-sink or (heat near sink)) and (light with (diffractive or diffract or diffracting or diffracted or scatter or scattering or scattered or scatterer or reflect or refract) with (predesignated or pattern or direction or predetermined))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:31
L25		15	(diffract or diffractive or diffracting or diffraction or scatter or scattering or scattered or scattering or scattere or reflect or reflective or reflection or refract or refracting or reflecting or refractive) near10 (predesignated)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:32

## EAST Search History

L26	42568	(diffract or diffractive or diffracting or diffraction or scatter or scattering or scattered or scattering or scattere or reflect or reflective or reflection or refract or refracting or reflecting or refractive) near10 (predesignated or predetermined)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:32
L27	8487	(diffract or diffractive or diffracting or diffraction or scatter or scattering or scattered or scattering or scattere or reflect or reflective or reflection or refract or refracting or reflecting or refractive) near10 (predesignated or predetermined) near10 (direction or pattern)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:33
L28	187	(diffract or diffractive or diffracting or diffraction or scatter or scattering or scattered or scattering or scattere or reflect or reflective or reflection or refract or refracting or reflecting or refractive) near10 (predesignated or predetermined) near10 (direction or pattern) same (encapsulant or epoxy or resin or encapsulating or encapsulation)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:33
L29	15	(diffract or diffractive or diffracting or diffraction or scatter or scattering or scattered or scattering or scattere or reflect or reflective or reflection or refract or refracting or reflecting or refractive) near10 (predesignated or predetermined) near10 (direction or pattern) same (encapsulant or epoxy or resin or encapsulating or encapsulation) same (emitter or emitting)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:33
L30	16	(diffract or diffractive or diffracting or diffraction or scatter or scattering or scattered or scattering or scattere or reflect or reflective or reflection or refract or refracting or reflecting or refractive) near10 (predesignated or predetermined) near10 (direction or pattern) same (encapsulant or epoxy or resin or encapsulating or encapsulation) same (emitter or emitting or emit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:33

## EAST Search History

L31	15	(diffract or diffractive or diffracting or diffraction or scatter or scattering or scattered or scattering or scattere or reflect or reflective or reflection or refract or refracting or reflecting or refractive) near10 (predesignated or predetermined) near10 (direction or pattern) same (encapsulant or epoxy or resin or encapsulating or encapsulation) same (emitter or emitting or emit) same light	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:36
L32	16	(diffract or diffractive or diffracting or diffraction or scatter or scattering or scattered or scattering or scattere or reflect or reflective or reflection or refract or refracting or reflecting or refractive) near10 (predesignated or predetermined) near10 (direction or pattern) same (encapsulant or epoxy or resin or encapsulating or encapsulation) same (emitter or emitting or emit) same (radiation or light)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:37
L33	562	(diffract or diffractive or diffracting or diffraction or scatter or scattering or scattered or scattering or scattere or reflect or reflective or reflection or refract or refracting or reflecting or refractive) near10 (direction or pattern) same (encapsulant or epoxy or resin or encapsulating or encapsulation) same (emitter or emitting or emit) same (radiation or light)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:37
L34	33	((diffract or diffractive or diffracting or diffraction or scatter or scattering or scattered or scattering or scattere or reflect or reflective or reflection or refract or refracting or reflecting or refractive) near10 (direction or pattern) same (encapsulant or epoxy or resin or encapsulating or encapsulation) same (emitter or emitting or emit) same (radiation or light)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:38

## EAST Search History

L35	3	((diffract or diffractive or diffracting or diffraction or scatter or scattering or scattered or scattering or scattere or reflect or reflective or reflection or refract or refracting or reflecting or refractive) near10 (direction or pattern) same (encapsulant or epoxy or resin or encapsulating or encapsulation) same (emitter or emitting or emit) same (radiation or light) same (integrate or integral or integrally or integrated or integration)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:38
L36	24	((diffract or diffractive or diffracting or diffraction or scatter or scattering or scattered or scattering or scattere or reflect or reflective or reflection or refract or refracting or reflecting or refractive) near10 (direction or pattern) same (encapsulant or epoxy or resin or encapsulating or encapsulation) same (emitter or emitting or emit) same (radiation or light) same (integrate or integral or integrally or integrated or integration))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:40
L37	4	((diffract or diffractive or diffracting or diffraction or scatter or scattering or scattered or scattering or scattere or reflect or reflective or reflection or refract or refracting or reflecting or refractive) near10 (direction or pattern) same (encapsulant or epoxy or resin or encapsulating or encapsulation) same (emitter or emitting or emit) same (radiation or light) same (integrate or integral or integrally or integrated or integration)) and (heatsink or heat-sink or (heat near sink))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB J	OR	ON	2006/10/13 13:41

## EAST Search History

L38	10	((diffract or diffractive or diffracting or diffraction or scatter or scattering or scattered or scattering or scattere or reflect or reflective or reflection or refract or refracting or reflecting or refractive) near10 (direction or pattern) same (encapsulant or epoxy or resin or encapsulating or encapsulation) same (emitter or emitting or emit) same (radiation or light) same (integrate or integral or integrally or integrated or integration)) and (heatsink or heat-sink or (heat near sink or heat))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:41
L39	10	((diffract or diffractive or diffracting or diffraction or scatter or scattering or scattered or scattering or scattere or reflect or reflective or reflection or refract or refracting or reflecting or refractive) near10 (direction or pattern) same (encapsulant or epoxy or resin or encapsulating or encapsulation) same (emitter or emitting or emit) same (radiation or light) same (integrate or integral or integrally or integrated or integration)) and (heatsink or heat-sink or (heat near sink or heat or slug or dissipate or dissipating or dissipation))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:41
L40	10	((diffract or diffractive or diffracting or diffraction or scatter or scattering or scattered or scattering or scattere or reflect or reflective or reflection or refract or refracting or reflecting or refractive) near10 (direction or pattern) same (encapsulant or epoxy or resin or encapsulating or encapsulation) same (emitter or emitting or emit) same (radiation or light) same (integrate or integral or integrally or integrated or integration)) and (heatsink or heat-sink or (heat near sink or heat or slug or dissipate or dissipating or dissipation or dissipated))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:43

## EAST Search History

L41	193	((diffract or diffractive or diffracting or diffraction or scatter or scattering or scattered or scattering or scattere or reflect or reflective or reflection or refract or refracting or reflecting or refractive) near10 (direction or pattern) same (encapsulant or epoxy or resin or encapsulating or encapsulation) same (emitter or emitting or emit) same (radiation or light)) and (heatsink or heat-sink or (heat near sink or heat or slug or dissipate or dissipating or dissipation or dissipated))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:43
L42	70	((diffract or diffractive or diffracting or diffraction or scatter or scattering or scattered or scattering or scattere or reflect or reflective or reflection or refract or refracting or reflecting or refractive) near10 (direction or pattern) with (encapsulant or epoxy or resin or encapsulating or encapsulation) same (emitter or emitting or emit) same (radiation or light)) and (heatsink or heat-sink or (heat near sink or heat or slug or dissipate or dissipating or dissipation or dissipated))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:43
L43	68	((diffract or diffractive or diffracting or diffraction or scatter or scattering or scattered or scattering or scattere or reflect or reflective or reflection or refract or refracting or reflecting or refractive) near10 (direction or pattern) with (encapsulant or epoxy or resin or encapsulating or encapsulation) same (emitter or emitting or emit) with (radiation or light)) and (heatsink or heat-sink or (heat near sink or heat or slug or dissipate or dissipating or dissipation or dissipated))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:44

## EAST Search History

L44	3	((diffract or diffractive or diffracting or diffraction or scatter or scattering or scattered or scattering or scattere or reflect or reflective or reflection or refract or refracting or reflecting or refractive) near10 (predetermined or predesigned or predesignated) near10 (direction or pattern) with (encapsulant or epoxy or resin or encapsulating or encapsulation) same (emitter or emitting or emit) with (radiation or light)) and (heatsink or heat-sink or (heat near sink or heat or slug or dissipate or dissipating or dissipation or dissipated))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:49
L45	7	((diffract or diffractive or diffracting or diffraction or scatter or scattering or scattered or scattering or scattere or reflect or reflective or reflection or refract or refracting or reflecting or refractive) near10 (predetermined or predesigned or predesignated) near10 (direction or pattern) with (encapsulant or epoxy or resin or encapsulating or encapsulation) same (emitter or emitting or emit) with (radiation or light))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:49
L46	6	((diffract or diffractive or diffracting or diffraction or scatter or scattering or scattered or scattering or scattere or reflect or reflective or reflection or refract or refracting or reflecting or refractive) near10 (predetermined or predesigned or predesignated) near10 (direction or pattern) with (encapsulant or epoxy or resin or encapsulating or encapsulation) with(emitter or emitting or emit) with (radiation or light))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:49

## EAST Search History

L47	6	((diffract or diffractive or diffracting or diffraction or scatter or scattering or scattered or scattering or scattere or reflect or reflective or reflection or refract or refracting or reflecting or refractive) near10 (predetermined or predesigned or predesignated) near10 (direction or pattern) with (encapsulant or epoxy or resin or encapsulating or encapsulation) with (emitter or emitting or emit) with (radiation or light))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:51
L48	107	((diffract or diffractive or diffracting or diffraction or scatter or scattering or scattered or scattering or scattere or reflect or reflective or reflection or refract or refracting or reflecting or refractive) near10 (predetermined or predesigned or predesignated or pattern or direction) near10 (direction or pattern) with (encapsulant or epoxy or resin or encapsulating or encapsulation) with (emitter or emitting or emit) with (radiation or light))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:51
L49	5	((diffract or diffractive or diffracting or diffraction or scatter or scattering or scattered or scattering or scattere or reflect or reflective or reflection or refract or refracting or reflecting or refractive) near10 (predetermined or predesigned or predesignated or pattern or direction) near10 (direction or pattern) with (encapsulant or epoxy or resin or encapsulating or encapsulation) with (emitter or emitting or emit) with (radiation or light)) with (integrate or integrated or integrating or integration or integral or mix or mixed or mixing)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:55

## EAST Search History

L50	14	((diffract or diffractive or diffracting or diffraction or scatter or scattering or scattered or scattering or scattere or reflect or reflective or reflection or refract or refracting or reflecting or refractive) near10 (predetermined or predesigned or predesignated or pattern or direction) near10 (direction or pattern) with (encapsulant or epoxy or resin or encapsulating or encapsulation) with (emitter or emitting or emit) with (radiation or light)) with (integrate or integrated or integrating or integration or integral or mix or mixed or mixing or affix or affixed or adhesive or bond or bonded or bonding or affixing or attaching)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:57
L51	3	((diffract or diffractive or diffracting or diffraction or scatter or scattering or scattered or scattering or scattere or reflect or reflective or reflection or refract or refracting or reflecting or refractive) near10 (predetermined or predesigned or predesignated or pattern or direction) near10 (direction or pattern) with (encapsulant or epoxy or resin or encapsulating or encapsulation) with (emitter or emitting or emit) with (radiation or light)) with (integrate or integrated or integrating or integration or integral or mix or mixed or mixing or affix or affixed or adhesive or bond or bonded or bonding or affixing or attaching) and (surface near mount)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:57